

CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/734,660

Filing Date: 12/8/2000

Date Processed by STIC: 6/19/2001

STIC Contact: Mark Spencer, 703-308-4212

Nature of Problem:

The CRF (was):

☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)

☐ Blank (no files on CRF) (see attached)

☐ Empty file (filename present, but no bytes in file) (see attached)

☐ Virus-infected. Virus name: _____ The STIC will not process the CRF.

☐ Not saved in ASCII text

☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.

☐ Did not contain a Sequence Listing. (see attached sample)

☐ Other: _____

**PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR DETAILS:**

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

09/731,660

C:\WINDOWS>A:

A:\>DIR

Volume in drive A has no label
Directory of A:\

File not found

1,457,664 bytes free

↓
on screen message when STIC PC tried to read
submitted disk

US 10
920

#7

OIPE

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/731,660A

TIME: 09:42:17

Input Set : A:\38602123.app

Output Set: N:\CRF3\10032001\I731660A.raw

ENTERED

3 <110> APPLICANT: KOUHARA, HARUHIKO
 4 SPIVAK-KROIZMAN, TALY
 5 LAX, IRIT
 6 SCHLESSINGER, JOSEPH
 8 <120> TITLE OF INVENTION: ADAPTOR PROTEIN FRS2 AND RELATED PRODUCTS AND METHODS
 10 <130> FILE REFERENCE: 038602/1023
 12 <140> CURRENT APPLICATION NUMBER: 09/731,660A
 13 <141> CURRENT FILING DATE: 2000-12-08
 15 <150> PRIOR APPLICATION NUMBER: 08/980,523
 16 <151> PRIOR FILING DATE: 1997-12-01
 18 <150> PRIOR APPLICATION NUMBER: 60/032,093
 19 <151> PRIOR FILING DATE: 1996-12-03
 21 <160> NUMBER OF SEQ ID NOS: 8
 23 <170> SOFTWARE: PatentIn Ver. 2.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 508
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
 31 Met Gly Ser Cys Cys Ser Cys Pro Asp Lys Asp Thr Val Pro Asp Asn
 32 1 5 10 15
 34 His Arg Asn Lys Phe Lys Val Ile Asn Val Asp Asp Asp Gly Asn Glu
 35 20 25 30
 37 Leu Gly Ser Gly Val Met Glu Leu Thr Asp Thr Glu Leu Ile Leu Tyr
 38 35 40 45
 40 Thr Arg Lys Arg Asp Ser Val Lys Trp His Tyr Leu Cys Leu Arg Arg
 41 50 55 60
 43 Tyr Gly Tyr Asp Ser Asn Leu Phe Ser Phe Glu Ser Gly Arg Arg Cys
 44 65 70 75 80
 46 Gln Thr Gly Gln Gly Ile Phe Ala Phe Lys Cys Ala Arg Ala Glu Glu
 47 85 90 95
 49 Leu Phe Asn Met Leu Gln Glu Ile Met Gln Asn Asn Ser Ile Asn Val
 50 100 105 110
 52 Val Glu Glu Pro Val Val Glu Arg Ser Ser His Gln Thr Glu Leu Glu
 53 115 120 125
 55 Val Pro Arg Thr Pro Arg Thr Pro Thr Thr Pro Gly Leu Gly Ala Gln
 56 130 135 140
 58 Asn Leu Pro Asn Gly Tyr Pro Arg Tyr Pro Ser Phe Gly Asp Ala Ser
 59 145 150 155 160
 61 Ser His Pro Ser Ser Arg His Pro Ser Val Gly Ser Ala Arg Leu Pro
 62 165 170 175
 64 Ser Val Gly Glu Glu Ser Thr His Pro Leu Leu Val Ala Glu Glu Gln
 65 180 185 190
 67 Val His Thr Tyr Val Asn Thr Thr Gly Val Gln Glu Glu Arg Lys Asn
 68 195 200 205
 70 Arg Ala Ser Val His Val Pro Pro Glu Ala Arg Val Ser Asn Ala Glu
 71 210 215 220

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```

73 Ser Asn Thr Pro Lys Glu Glu Pro Ser Asn Pro Glu Asp Arg Asp Pro
74 225                230                235                240
76 Gln Val Leu Leu Lys Pro Glu Gly Val Arg Phe Val Leu Gly Pro Thr
77                245                250                255
79 Pro Val Gln Lys Gln Leu Met Glu Lys Glu Lys Leu Glu Gln Leu Gly
80                260                265                270
82 Lys Asp Pro Val Ser Gly Ser Gly Ala Gly Asn Thr Glu Trp Asp Thr
83                275                280                285
85 Gly Tyr Asp Ser Asp Glu Arg Arg Asp Val Pro Pro Val Asn Lys Leu
86                290                295                300
88 Val Tyr Glu Asn Ile Asn Gly Leu Ser Ile Pro Ser Ala Ser Gly Val
89 305                310                315                320
91 Arg Arg Gly Arg Leu Thr Ser Thr Ser Thr Ser Asp Thr Gln Asn Ile
92                325                330                335
94 Asn Asn Ser Ala Gln Arg Arg Pro Ala Leu Leu Asn Tyr Glu Asn Leu
95                340                345                350
97 Pro Ser Leu Pro Pro Val Trp Glu Ala Arg Lys Leu Ser Arg Asp Glu
98                355                360                365
100 Asp Asp Asn Leu Gly Pro Lys Thr Pro Ser Leu Asn Gly Tyr His Asn
101                370                375                380
103 Asn Leu Asp Pro Met His Asn Tyr Val Asn Thr Glu Asn Val Thr Val
104 385                390                395                400
106 Pro Ala Ser Ala His Lys Ile Asp Tyr Ser Lys Arg Arg Asp Cys Thr
107                405                410                415
109 Pro Thr Val Phe Asn Phe Asp Ile Arg Arg Pro Ser Leu Glu His Arg
110                420                425                430
112 Gln Leu Asn Tyr Ile Gln Val Asp Leu Glu Gly Gly Ser Asp Ser Asp
113                435                440                445
115 Asn Pro Gln Thr Pro Lys Thr Pro Thr Thr Pro Leu Pro Gln Thr Pro
116                450                455                460
118 Thr Arg Arg Thr Glu Leu Tyr Ala Val Ile Asp Ile Glu Arg Thr Ala
119 465                470                475                480
121 Ala Met Ser Asn Leu Gln Lys Ala Leu Pro Arg Asp Asp Gly Thr Ser
122                485                490                495
124 Arg Lys Thr Arg His Asn Ser Thr Asp Leu Pro Met
125                500                505
128 <210> SEQ ID NO: 2
129 <211> LENGTH: 114
130 <212> TYPE: PRT
131 <213> ORGANISM: Unknown Organism OV
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Unknown Organism: PTB domain of
135 IRS-1
137 <400> SEQUENCE: 2
138 Asp Thr Gly Pro Gly Pro Ala Phe Lys Glu Val Trp Gln Val Ile Leu
139 1                5                10                15
141 Lys Pro Lys Gly Leu Gly Gln Thr Lys Asn Leu Ile Gly Ile Tyr Arg
142                20                25                30
144 Leu Cys Leu Thr Ser Lys Thr Ile Ser Phe Val Lys Leu Asn Ser Glu

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```

145          35          40          45
147 Ala Ala Ala Val Val Leu Gln Leu Met Asn Ile Arg Arg Cys Gly His
148          50          55          60
150 Ser Glu Asn Phe Phe Phe Ile Glu Val Gly Arg Ser Ala Val Thr Gly
151 65          70          75          80
153 Pro Gly Glu Phe Trp Met Gln Val Asp Asp Ser Val Val Ala Gln Asn
154          85          90          95
156 Met His Glu Thr Ile Leu Glu Ala Met Arg Ala Met Ser Asp Glu Phe
157          100          105          110
159 Arg Pro
163 <210> SEQ ID NO: 3
164 <211> LENGTH: 129
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 3
169 Asp Thr Val Pro Asp Asn His Arg Asn Lys Phe Lys Val Ile Asn Val
170 1          5          10          15
172 Asp Asp Asp Gly Asn Glu Leu Gly Ser Gly Val Met Glu Leu Thr Asp
173          20          25          30
175 Thr Glu Leu Ile Leu Tyr Thr Arg Lys Arg Asp Ser Val Lys Trp His
176          35          40          45
178 Tyr Leu Cys Leu Arg Arg Tyr Gly Tyr Asp Ser Asn Leu Phe Ser Phe
179          50          55          60
181 Glu Ser Gly Arg Arg Cys Gln Thr Gly Gln Gly Ile Phe Ala Phe Lys
182 65          70          75          80
184 Cys Ala Arg Ala Glu Glu Leu Phe Asn Met Leu Gln Glu Ile Met Gln
185          85          90          95
187 Asn Asn Ser Ile Asn Val Val Glu Glu Pro Val Val Glu Arg Ser Ser
188          100          105          110
190 His Gln Thr Glu Leu Glu Val Pro Arg Thr Pro Arg Thr Pro Thr Thr
191          115          120          125
193 Pro
197 <210> SEQ ID NO: 4
198 <211> LENGTH: 16
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
204 peptide
206 <400> SEQUENCE: 4
207 Val Tyr Glu Asn Ile Asn Gly Leu Ser Ile Pro Ser Ala Ser Gly Val
208 1          5          10          15
211 <210> SEQ ID NO: 5
212 <211> LENGTH: 10
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
218 peptide

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220 <400> SEQUENCE: 5
221 Phe Val Leu Gly Pro Thr Pro Val Gln Lys
222 1 5 10
225 <210> SEQ ID NO: 6
226 <211> LENGTH: 6
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
232 peptide
234 <400> SEQUENCE: 6
235 Met Gly Ser Cys Cys Ser
236 1 5
239 <210> SEQ ID NO: 7
240 <211> LENGTH: 4
241 <212> TYPE: PRT
242 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 7
245 Asn Tyr Glu Asn
246 1
249 <210> SEQ ID NO: 8
250 <211> LENGTH: 4
251 <212> TYPE: PRT
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 8
255 Asn Tyr Val Asn
256 1

VERIFICATION SUMMARY

DATE: 10/03/2001

PATENT APPLICATION: US/09/731,660A

TIME: 09:42:18

Input Set : A:\38602123.app

Output Set: N:\CRF3\10032001\I731660A.raw